

## Philips P Line 439P1/00 LED display 108 cm (42.5") 3840 x 2160 pixels 4K Ultra HD Black

**Brand :** Philips

**Product family:** P Line

**Product code:** 439P1/00

**Product name :** 439P1/00

Business Monitor 439P1 4K Ultra HD LCD display with MultiView

Philips P Line 439P1/00 LED display 108 cm (42.5") 3840 x 2160 pixels 4K Ultra HD Black:

The Philips USB-C docking display for a comprehensive solution. View UltraClear 4K UHD and recharge a laptop, all at the same time with a single USB-C cable. Integrated KVM switch and multiple connections for performance and convenience.

Philips P Line 439P1/00. Display diagonal: 108 cm (42.5"), Display resolution: 3840 x 2160 pixels, HD type: 4K Ultra HD, Display technology: LED, Display surface: Matt, Response time: 4 ms, Native aspect ratio: 16:9, Viewing angle, horizontal: 178°, Viewing angle, vertical: 178°. Built-in speaker(s). Built-in USB hub. VESA mounting, Height adjustment. Product colour: Black



Display		Ergonomics	
Display diagonal *	108 cm (42.5")	Swivel angle range	-45 - 45°
Display resolution *	3840 x 2160 pixels	Tilt adjustment	✓
HD type *	4K Ultra HD	Tilt angle range	-5 - 23°
Native aspect ratio *	16:9	Picture-in-Picture	✓
Display technology *	LED	On Screen Display (OSD)	✓
Panel type *	VA	On Screen Display (OSD) languages	Simplified Chinese, Traditional Chinese, Czech, German, Dutch, English, Spanish, Finnish, French, Greek, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Swedish, Turkish, Ukrainian
Backlight type	W-LED		
Touchscreen *	✗		
Display brightness (typical)	400 cd/m²	Number of OSD languages	21
Response time *	4 ms	Plug and Play	✓
Display surface	Matt	LED indicators	Operation, Stand-by
Anti-glare screen	✓	<b>Power</b>	
Screen shape *	Flat	Energy efficiency class (SDR) *	G
Aspect ratio	16:9	Energy efficiency class (HDR) *	G
Contrast ratio (typical) *	4000:1	Energy consumption (SDR) per 1000 hours *	55 kWh
Contrast ratio (dynamic)	50000000:1	Energy consumption (HDR) per 1000 hours *	91 kWh
Dynamic contrast ratio marketing name	SmartContrast	Power consumption (typical) *	46 W
Maximum refresh rate *	30 Hz	Power consumption (standby) *	0.3 W
Viewing angle, horizontal	178°	Power consumption (off)	0 W
Viewing angle, vertical	178°	Power consumption (PowerSave)	43.9 W
Display number of colours *	1.07 billion colours	AC input voltage	100 - 240 V
Pixel pitch	0.2451 x 0.2451 mm	AC input frequency	50 - 60 Hz
Pixel density	103.64 ppi	Power supply type	Internal
Horizontal scan range	30 - 140 kHz	Energy efficiency scale	A to G
Vertical scan range	48 - 60 Hz		
Viewable size, horizontal	94.1 cm		
Viewable size, vertical	52.9 cm		
Display diagonal (metric)	108 cm		

Display		Power	
High Dynamic Range (HDR) supported	✓	European Product Registry for Energy Labelling (EPREL) code	587235
High Dynamic Range (HDR) technology	DisplayHDR 400	Operational conditions	
DDC/CI	✓	Operating temperature (T-T)	0 - 40 °C
Haze rate	25%	Storage temperature (T-T)	-20 - 60 °C
Surface hardness	3H	Operating relative humidity (H-H)	20 - 80%
sRGB coverage (typical)	126%	Operating altitude	0 - 3658 m
NTSC coverage (typical)	105%	Non-operating altitude	0 - 12192 m
Adobe RGB coverage	90%	Weight & dimensions	
Display sRGB	✓	Width (with stand)	978 mm
Performance		Depth (with stand)	281 mm
NVIDIA G-SYNC *	✗	Height (with stand)	713 mm
AMD FreeSync *	✗	Weight (with stand)	18 kg
VESA Adaptive Sync support	✓	Width (without stand)	978 mm
Component video sync	Separate sync	Depth (without stand)	78 mm
Flicker-free technology	✓	Height (without stand)	573 mm
Low Blue Light technology	✓	Weight (without stand)	12.4 kg
Multimedia		Packaging data	
Number of speakers	2	Package width	1150 mm
RMS rated power	5 W	Package depth	284 mm
Built-in speaker(s) *	✓	Package height	704 mm
Built-in camera *	✗	Package weight	23.3 kg
Design		Package type	Box
Market positioning *	Business	Packaging content	
Product colour *	Black	Stand included	✓
Front bezel colour	Black	Cables included	HDMI, DisplayPort, USB Type-A to USB Type-B, USB Type-C, AC
Feet colour	Black	Manual	✓
Ports & interfaces		Bundled software	SmartControl
Built-in USB hub *	✓	Sustainability	
USB upstream port type	USB Type-B, USB Type-C	Sustainability certificates	ENERGY STAR
Number of upstream ports	2	Doesn't contain	PVC/BFR, Mercury
Number of USB Type-B upstream ports quantity	1	Other features	
Number of USB Type-C upstream ports quantity	1	HBR3 support	✓
USB Type-C DisplayPort Alternate Mode	✓	USB Power Delivery revision	3.0
USB Power Delivery (USB PD)	✓	Picture-by-Picture (PbP)	✓
USB Power Delivery up to	90 W	Exterior finish type	Textured
HDMI *	✓	Recyclable packaging material	100%
HDMI ports quantity	2	Heavy metals free	Hg (mercury)
HDMI version	2.0	RS-232 interface	✓
DisplayPorts quantity	1	EasyRead mode	✓
DisplayPort version	1.4	LowBlue mode	✓
Headphone out *	✓	Philips SmartUniformity	93 - 105%
Built-in KVM switch	✓	Weight	12.4 kg
HDCP	✓	Picture enhancement	SmartImage
HDCP version	1.4/2.2	MultiView	PIP/PBP mode, 4 x devices
Network		Regulatory Approvals	CB; TUV/GS; TUV Ergo; CU-EAC; EAEU RoHS; CE Mark; FCC Class B; ICES-003
Ethernet LAN	✓	Delta E	2
Ergonomics		Compliance certificates	RoHS
VESA mounting *	✓	Mean time between failures (MTBF)	70000 h
Panel mounting interface	200 x 200 mm	Ethernet LAN data rates	10,100,1000 Mbit/s
Cable lock slot *	✓	Wake-on-LAN	✓
Cable lock slot type	Kensington	Certification	CB, TUV/GS, TUV Ergo, SEMKO, CU-EAC, EAEU RoHS, CE Mark, FCC Class B, ICES-003

Ergonomics		Recycling data	
Height adjustment *	✓	Post-consumer recycled plastic	85%
Height adjustment	10 cm	Logistics data	
Swivelling	✓	Harmonized System (HS) code	85285210



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